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## LIST OF REFERENCES CITED BY APPLICANT

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ATTY. DOCKET NO.

8449-123-999

APPLICATION NO.

09/625,137

APPLICANT

Srivastava, Pramod K.

FILING DATE

July 25, 2000

GROUP

1645-1643

## U.S. PATENT DOCUMENTS

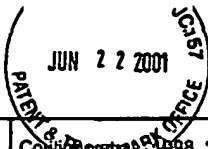
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CY	AA	09/411,075		P. Srivastava			10/4/99
	AB	60/209,095		P. Srivastava			6/2/00
	AC	5,837,251	11/17/98	P. Srivastava			
	AD	5,935,576	8/10/99	P. Srivastava			
	AE	5,961,979	10.5.99	P. Srivastava			
	AF	5,985,270	11/16/99	P. Srivastava			
CY	AG	6,017,540	1/25/00	P. Srivastava			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CY	AH	WO 94/14976	7/7/94	PCT				
	AI	WO 96/10411	4/11/96	PCT				
	AJ	WO 97/10002	3/20/97	PCT				
	AK	WO 98/46743	10/22/98	PCT				
CY	AL	WO 99/50303	10/7/99	PCT				

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

CY	AM	Arnold et al., 1995, "Cross-priming of minor histocompatibility antigen-specific cytotoxic T cells upon immunization with the heat shock protein gp96", J Exp Med. 182(3):885-9.
	AN	Arnold-Schild et al., 1999, "Cutting edge: receptor-mediated endocytosis of heat shock proteins by professional antigen-presenting cells", J. Immunol. 199, 162: 3757-3760.
	AO	Asea et al., 2000, "HSP70 stimulates cytokine production through a CD14 dependant pathway, demonstrating its dual role as a chaperone and cytokine", Nature Med. 6: 435-42
	AP	Bevan, 1995, "Antigen presentation to cytotoxic T lymphocytes in vivo", J.Exp. Med. 192: 639-41
	AQ	Binder et al., 1998, Cell Stress & Chaperones 3 (Supp.1): 2.
	AR	Castellino et al., 2000, "Receptor-mediated Uptake of Antigen/Heat Shock Protein Complexes Results in Major Histocompatibility Complex Class I Antigen Presentation via Two Distinct Processing Pathways", J. Exp. Med. 191: 1957-64.
	AS	Chen et al., 1999, "Human 60-kDa Heat-Shock Protein: A Danger Signal to the Innate Immune System", J. Immunology 162: 3212-3219
	AT	Chu and Pizzo, 1993, "Receptor mediated antigen delivery into macrophages. Complexing antigen to $\alpha_2$ -macroglobulin enhances presentation into T cells", J. Immun. 150(1):48-58.
	AU	Chu et al., 1994, "Adjuvant-Free in Vivo Targeting. Antigen Delivery by $\alpha_2$ -macroglobulin enhances antibody formation", J. Immun. 152(4):1538-45.
CY	AV	Ciupitu et al., 1998, "Immunization with a lymphocytic choriomeningitis virus peptide mixed with heat shock protein 70 results in protective antiviral immunity and specific cytotoxic T lymphocytes", J Exp Med. 187(5):685-91.

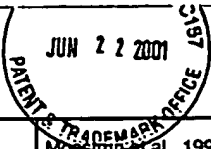


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CY	AW	Cosentino et al., 1998, "Alpha-2-macroglobulin receptor is differently expressed in peritoneal macrophages from C3H and C57/B16 mice and up-regulated during Trypanosoma cruzi infection", Tissue and Cell 30: 407-15
	AX	Day et al., "Direct delivery of exogenous MHC class I molecule-binding oligopeptides to the endoplasmic reticulum of viable cells", 1997, Proc Natl Acad Sci. USA 94: 8064-8069
	AY	Dennis et al., 1989, "Alpha 2-macroglobulin is a binding protein for basic fibroblast growth factor", J Biol Chem. 264 (13):7210-6.
	AZ	Fadok et al., 2000, "A receptor for phosphatidylserine-specific clearance of apoptotic cells", Nature 405(6782):85-90.
	BA	Forrester et al., 1983, "Effect of modified alpha 2macroglobulin on leucocyte locomotion and chemotaxis", Immunology. 50(2):251-9.
	BB	Haas et al., 1988, "cDNA cloning of the immunoglobulin heavy chain binding protein", Proc Natl Acad Sci U S A. 85(7):2250-4.
	BC	Herz et al., 1988, "Surface location and high affinity for calcium of a 500-kd liver membrane protein closely related to the LDL-receptor suggest a physiological role as lipoprotein receptor", EMBO J. 7(13):4119-27.
	BD	Hickey et al., 1986, "Sequence and organization of genes encoding the human 27 kDa heat shock protein", Nucleic Acids Res. 14(10):4127-45.
	BE	Hickey et al., 1989, "Sequence and regulation of a gene encoding a human 89-kilodalton heat shock protein", Mol Cell Biol. 9(6):2615-26.
	BF	Hilliker et al., "Assignment of the gene coding for the alpha 2-macroglobulin receptor to mouse chromosome 15 and to human chromosome 12q13-q14 by isotopic and nonisotopic in situ hybridization", Genomics. 13(2):472-4.
	BG	Holtet et al., 1994, "Recombinant $\alpha_2$ M Receptor binding domain binds to the $\alpha_2$ M receptor with high affinity", Ann N Y Acad Sci 737:480-2.
	BH	Huang et al., 1999, "NMR solution structure of complement-like repeat CR8 from the low density lipoprotein receptor -related protein", J. of Biolog. Chem. 274: 14130-14136
	BI	Huang et al., 1984, "Specific covalent binding of platelet-derived growth factor to human plasma alpha 2-macroglobulin. Proc Natl Acad Sci U S A. 81(2):342-6.
	BJ	Hunt et al., 1990, "Characterization and sequence of a mouse hsp70 gene and its expression in mouse cell lines", Gene. 87(2):199-204.
	BK	Jensen et al., 1989, "Comparison of $\alpha$ -macroglobulin receptors from human, baboon, rat and mouse liver", Biochem. Arch. 5:171-6
	BL	Jindal et al., 1989, "Primary structure of a human mitochondrial protein homologous to the bacterial and plant chaperonins and to the 65-kilodalton mycobacterial antigen. Mol Cell Biol. 9(5):2279-83.
	BM	Kol et al., 2000, "Cutting edge: heat shock protein (HSP)60 activates the innate immune response: CD14 is an essential receptor for HSP60 activation of mononuclear cells", J Immunol. 164(1):13-17
	BN	Krieger and Herz, 1994, "Structures and functions of multiligand lipoprotein receptors: macrophage scavenger receptors and LDL receptor-related protein (LRP)", Annu Rev Biochem. 63:601-37.
	BO	Kristensen et al., 1990, "Evidence that the newly cloned low-density-lipoprotein receptor related protein (LRP) is the alpha 2-macroglobulin receptor", FEBS Lett. 276(1-2):151-5.
	BP	Maki et al., 1990, "Human homologue of murine tumor rejection antigen gp96: 5'-regulatory and coding regions and relationship to stress-induced proteins", Proc Natl Acad Sci U S A. 87(15):5658-62.
	BQ	Maki et al., 1993, "Mapping of the genes for human endoplasmic reticular heat shock protein gp96/grp9", Somat Cell Mol Genet. 19(1):73-81.
	BR	Misra et al., 1993, "Receptor-recognized alpha 2-macroglobulin-methylamine elevates intracellular calcium, inositol phosphates and cyclic AMP in murine peritoneal macrophages", Biochem J. 290 ( Pt 3):885-91.
	BS	Mitsuda et al., 1993, "A receptor-mediated antigen delivery and incorporation system", Biochem. and Biophys. Res. Comm. 191: 1326-31
CY	BT	Mitsuda et al., 1993, "A receptor mediated delivery of an HIV 1 derived peptide vaccine", Biochem Biophys Res Commun 194(3): 1155-60



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24	BU	Moestrup et al., 1993, "α <sub>2</sub> -macroglobulin-proteinase complexes, plasminogen activator inhibitor type-1-plasminogen activator complexes, and receptor-associated protein bind to a region of the α <sub>2</sub> -macroglobulin receptor containing a cluster of eight complement type repeats", J. of Biolog. Chem. 268: 13691-13696.
	BV	Moestrup et al., 1992, "Distribution of the alpha 2-macroglobulin receptor/low density lipoprotein receptor-related protein in human tissues", Cell Tissue Res. 269(3):375-82.
	BW	Nicchitta et al., 1998, "Biochemical, cell biological and immunological issues surrounding the endoplasmic reticulum chaperone GRP94/gp96", Curr Opin Immunol. 10(1):103-9.
	BX	Nielsen et al., 1996, "Identification of residues in alpha-macroglobulins important for binding to the alpha2-macroglobulin receptor/low density lipoprotein receptor-related protein", J Biol Chem. 271(22):12909-12.
	BY	Nykjaer et al., 1992, "Purified alpha 2-macroglobulin receptor/LDL receptor-related protein binds urokinase.plasminogen activator inhibitor type-1 complex. Evidence that the alpha 2-macroglobulin receptor mediates cellular degradation of urokinase receptor-bound complexes", J Biol Chem. 267(21):14543-6.
	BZ	O'Connor-McCourt et al., 1987, "Latent transforming growth factor-beta in serum. A specific complex with alpha 2-macroglobulin", J Biol Chem. 262(29):14090-9.
	CA	Orth et al., 1992, "Complexes of tissue-type plasminogen activator and its serpin inhibitor plasminogen-activator inhibitor type 1 are internalized by means of the low density lipoprotein receptor-related protein/alpha 2-macroglobulin receptor", Proc Natl Acad Sci U S A. 89(16):7422-6.
	CB	Osada et al., 1987, "Murine T cell proliferation can be specifically augmented by macrophages fed with specific antigen: α-2-macroglobulin conjugate", Biochem. and Biophys. Res. Comm. 146: 26-31
	CC	Osada et al., 1988, "Antibodies against viral proteins can be produced effectively in response to the increased uptake of alpha 2 macroglobulin: viral protein conjugate by macrophages", Biochem and Biophys. Res. Comm. 150: 883-889.
	CD	Sargent et al., 1989, "Human major histocompatibility complex contains genes for the major heat shock protein HSP70", Proc Natl Acad Sci U S A. 86(6):1968-72.
	CE	Savill et al., 1992, "Thrombospondin cooperates with CD36 and the vitronectin receptor in macrophage recognition of neutrophils undergoing apoptosis", J Clin Invest. 90(4):1513-22.
	CF	Singh-Jasjua et al., 2000, "Cross Presentation of Glycoprotein 96-associated antigens on major histocompatibility complex class molecules requires receptor-mediated endocytosis", J. Exp. Med. 191:1965-74
	CG	Soeiro et al., 2000, "Trypanosoma cruzi: Acute Infection Affects Expression of α-2-macroglobulin and A2MR/LRP Receptor Differently in C3H and C57BL/6 Mice", Exper. Parasitology 96: 97-107
	CH	Srivastava et al., 1998, "Heat shock proteins come of age: primitive functions acquire new roles in an adaptive world", Immunity. 8(6):657-65.
	CI	Srivastava et al., 1991, "Stress-induced proteins in immune response to cancer", Curr Top Microbiol Immunol. 167:109-23.
	CJ	Srivastava et al., 1987, "5'-structural analysis of genes encoding polymorphic antigens of chemically induced tumors." Proc. Natl. Acad. Sci USA 85:3807-3811
	CK	Srivastava et al., 1993, "Peptide-binding heat shock proteins in the endoplasmic reticulum: role in immune response to cancer and antigen presentation", Adv Cancer Res. 62:153-77.
	CL	Srivastava et al., 1994, "Heat shock proteins in immune response to cancer: the Fourth Paradigm", Expertentia. 50(11-12):1054-60.
	CM	Srivastava et al., 1994, "Heat shock proteins transfer peptides during antigen processing and CTL priming", Immunogenetics. 39(2):93-8. Review.
	CN	Strickland et al., 1990, "Sequence identity between the alpha 2-macroglobulin receptor and low density lipoprotein receptor-related protein suggests that this molecule is a multifunctional receptor", J Biol Chem. 15:265(29):17401-4.
	CO	Suto and Srivastava, 1995, "A mechanism for the specific immunogenicity of heat shock protein-chaperoned peptides", Science 269(5230):1585-8
25	CP	Ting et al., 1988, "Human gene encoding the 78,000-dalton glucose-regulated protein and its pseudogene: structure, conservation, and regulation", DNA. 7(4):275-86.

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CT	CQ	Van Leuven et al., 1993, "Molecular cloning and sequencing of the murine alpha-2-macroglobulin receptor cDNA", <i>Biochim Biophys Acta</i> . 1173(1):71-4.
	CR	Wassenberg et al., 1999, "Receptor mediated and fluid phase pathways for internalization of the ER Hsp90 chaperone GRP94 in murine macrophages", <i>J. Cell Science</i> 112: 2167-2175.
	CS	Willnow et al., 1994, "Molecular dissection of ligand binding sites on the low density lipoprotein receptor-related protein", <i>J. of Biol. Chem.</i> 269: 15827-15832
CT	CT	Yamazaki et al., 1989, "Nucleotide sequence of a full-length cDNA for 90 kDa heat-shock protein from human peripheral blood lymphocytes", <i>Nucleic Acids Res.</i> 17(17):7108.
EXAMINERU		DATE CONSIDERED
Chang HY		4/27/06
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		

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